

shall be at least 39½ inches from the deck. At exposed peripheries of the freeboard and superstructure decks, the rails shall be in at least three courses, including the top. The opening below the lowest course shall not be more than 9 inches. The courses shall not be more than 15 inches apart. In the case of ships with rounded gunwales the guard rail supports shall be placed in the flat of the deck. On other decks and bridges the rails shall be in at least two courses, including the top, approximately evenly spaced. If it can be shown to the satisfaction of the Officer in Charge, Marine Inspection, that the installation of rails of such height will be unreasonable and impracticable, having regard to the business of the vessel, rails of a lesser height or in some cases grab rails may be accepted and inboard rails may be eliminated if the deck is not generally accessible.

(b) Where it can be shown to the satisfaction of the Commandant that a vessel is engaged exclusively in voyages of a sheltered nature, the provisions of paragraph (a) of this section may be relaxed.

[CGFR 69-72, 34 FR 17503, Oct. 29, 1969]

§ 190.25-10 Storm rails.

(a) On vessels in ocean and coastwise service, suitable storm rails shall be installed in all passageways and at the deckhouse sides where persons on board might have normal access. Storm rails shall be installed on both sides of passageways which are 6 feet or more in width.

§ 190.25-15 Guards in dangerous places.

(a) Suitable hand covers, guards, or rails shall be installed in way of all exposed and dangerous places such as gears, machinery, etc.

§ 190.25-90 Vessels contracted for prior to July 1, 1969.

(a) Existing structures, arrangements, materials, and facilities previously approved will be considered satisfactory so long as they are maintained in good condition to the satisfaction of the Officer in Charge, Marine Inspection. Minor repairs and alterations may be made to the same stand-

ards as the original construction: *Provided*, That in no case will a greater departure from the standards of §§ 190.25-5 through 190.25-15 be permitted than presently exists.

[CGFR 67-83, 33 FR 1125, Jan. 27, 1968, as amended by CGFR 69-72, 34 FR 17503, Oct. 29, 1969]

PARTS 191-192 [RESERVED]

PART 193—FIRE PROTECTION EQUIPMENT

Subpart 193.01—Application

Sec.

193.01-1 General.

193.01-3 Incorporation by reference.

193.01-5 Equipment installed but not required.

Subpart 193.05—Fire Detecting and Extinguishing Equipment, Where Required

193.05-1 Fire detecting, manual alarm, and supervised patrol systems.

193.05-5 Fire main system.

193.05-10 Fixed fire extinguishing systems.

193.05-15 Hand portable fire extinguishers and semiportable fire extinguishing systems.

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193.10-1 Application.

193.10-5 Fire pumps.

193.10-10 Fire hydrants and hose.

193.10-15 Piping.

193.10-90 Installations contracted for prior to March 1, 1968.

Subpart 193.15—Carbon Dioxide Extinguishing Systems, Details

193.15-1 Application.

193.15-5 Quantity, pipe sizes, and discharge rates.

193.15-10 Controls.

193.15-15 Piping.

193.15-20 Carbon dioxide storage.

193.15-25 Discharge outlets.

193.15-30 Alarms.

193.15-35 Enclosure openings.

193.15-40 Pressure relief.

193.15-90 Installations contracted for prior to March 1, 1968.

Subpart 193.30—Automatic Sprinkler Systems

193.30-1 Application.